

COA

Practitioner's Desk No.: 796_009

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number: 6,798,119 B2
Issued: September 28, 2004
Name of Patentee(s): Koji IKEDA and Kazuyoshi SHIBATA
Title of Invention: PIEZOELECTRIC/ELECTROSTRICTIVE DEVICE AND METHOD OF PRODUCING THE SAME

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
ATTENTION:
Decision and Certificate of Correction
Branch of the Patent Issue Division

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on February 2, 2005.

Shawna K. Harty

REQUEST FOR REPRINTING OF CERTIFICATE OF CORRECTION

Attached hereto as Appendix "A" is a copy of the Request for Certificate of Correction that we filed in the U.S. PTO on October 15, 2004, to correct multiple errors in columns 1-32.

Attached hereto as Appendix "B" is a copy of the Certificate of Correction as issued by the PTO on January 18, 2005. It can be seen from the Certificate of Correction that the PTO has only included the changes requested on pages 1-6 of PTO-1050, and has ignored those requested on pages 7-14.

Applicants were able to discuss this matter with Ms. Diggs of the Certificate of Corrections Office on January 28, 2005, at which time she instructed us to file this paper.

In view of all of the foregoing, it is clear that a corrected Certificate of Correction is in order. Should the appropriate official at the U.S. PTO have any questions concerning this matter, he or she is requested to telephone Applicants' undersigned representative.

Please send the Certificate to the undersigned representative.

Respectfully submitted,

February 2, 2005

Date

Stephen P. Burr
Reg. No. 32,970

SPB/skh
BURR & BROWN
P.O. Box 7068
Syracuse, NY 13261-7068

Customer No.: 25191
Telephone: (315) 233-8300
Facsimile: (315) 233-8320

RECEIVED
FEB 11 2005
CERTIFICATES OF CORRECTION



A

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number: US 6,798,119 B2
Issued: September 28, 2004
Name of Patentee(s): Koji IKEDA and Kazuyoshi SHIBATA

Title of Invention: PIEZOELECTRIC/ELECTROSTRICTIVE DEVICE AND METHOD OF PRODUCING THE SAME

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on October 15, 2004.

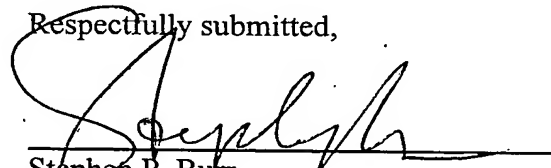
Shawna K. Harty

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT
FOR PTO MISTAKE (37 C.F.R. § 1.322(a))

1. Attached, in duplicate, is Form PTO--1050, with at least one copy being suitable for printing.
2. Support for the changes made to Column 1 can be found in the Amendment After Allowance filed June 16, 2003 (acknowledged by the Examiner on August 4, 2003); support for the changes made to Item (56) can be found in the IDS filed September 3, 2003 (acknowledged by the Examiner on October 29, 2003); support for the changes made to Item (57) and to Columns 2, 3, 7 and 10 can be found in the Amendment filed September 3, 2003 (acknowledged by the Examiner November 6, 2003); and support for the changes made to the claims (Columns 30, 31 and 32) can be found in the Amendment filed February 6, 2004 (acknowledged by the Examiner on April 7, 2004).

Please send the Certificate to the undersigned representative.

Respectfully submitted,


Stephen P. Burr
Reg. No. 32,970

October 15, 2004
Date

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 6,798,119 B2
DATED : September 28, 2004
INVENTOR(S) : Koji IKEDA and Kazuyoshi SHIBATA

It is hereby certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Item (56)

References Cited, Add -- 2002/0051326 5/2002 Shiraishi --

Item (57)

Abstract, Line 1, Delete "that"

Column 1

First Paragraph After the Title, Delete "This application claims priority from Japanese Application 2001-10622 filed January 18, 2001 and Japanese Application 2001-76314, filed March 16, 2001, the entireties of which are incorporated herein by reference."

Line 40, Change "thosedescribed" to -- those described --

Column 2

Line 19, Change "apparatus" to -- apparatuses --

MAILING ADDRESS OF SENDER:

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DATED : September 28, 2004
INVENTOR(S) : Koji IKEDA and Kazuyoshi SHIBATA

It is hereby certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 3

Line 12, Add -- is -- after "element"

Column 7

Line 43, Change ";" to -- : --

Column 10

Line 5, Add -- is -- after "element"

Line 7, Delete "that"

Column 30

Line 34, Add -- constructed of one sheet of a flat plate and -- after "base"; Delete "and" and add -- , -- after "parts"

Line 35, Add -- having a flat shape -- after "part"; Delete "the two" and add -- said -- after "connects"

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INVENTOR(S) : Koji IKEDA and Kazuyoshi SHIBATA

It is hereby certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 30

Line 37, Delete "two" before "movable"; Delete "of the" after "parts" and add -- ; --

Line 38, Delete "base," before "wherein"; Delete "said base is constructed with one sheet of a flat"

Line 39, Delete "plate, said fixing part has a flat plate shape, and"

Line 42, Delete "the" after "along" and add -- said --

Line 43, Delete "." and add -- ; and wherein a slit-shaped groove extending from the other end of said fixing part intervenes between a base part of said movable parts and said side peripheries of said fixing part. --

Lines 44-48, Delete entire text of Claim 2

Line 50, Add -- constructed of one sheet of a flat plate and -- after "base"

Line 51, Add -- having a flat shape -- after "part"; Delete "the two" after connects" and add -- said --

Line 52, Delete "and"; Add -- having a flat shape -- after "part"

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INVENTOR(S) : Koji IKEDA and Kazuyoshi SHIBATA

It is hereby certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 30

Line 53, Delete "the two" after "connects" and add -- said --

Line 56, Delete "two" before "movable"; Delete "of the base," after "parts" and add -- ; --; Delete "said base is con-"

Line 57, Delete "structed with one sheet of a flat plate, said fixing part and"

Line 58, Delete "said mounting part have a flat plate shape, and"

Line 61, Delete "the" after "along" and add -- said --

Column 31

Line 9, Add -- constructed of one sheet of a flat plate and -- after "base"

Line 10, Add -- having a flat shape -- after "part"; Delete "the two" after "connects" and add -- said --

Line 11, Add -- having a flat shape -- after "part"

Line 12, Delete "the two" after "connects" and add -- said --

Line 13, Delete "and" after "thereof,"

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INVENTOR(S) : Koji IKEDA and Kazuyoshi SHIBATA

It is hereby certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 31

Line 15, Delete "," after "parts"

Line 17, Delete "," after "base" and add -- ; -- ; Delete "said" after "wherein"

Line 18, Delete "base is constructed with one sheet of a flat plate, said fixing"

Line 19, Delete "part and said mounting part have a flat plate shape,"

Line 22, Delete "the" after "along" and add -- said --

Line 23, Delete ", and" after "mounting part" and add -- ; wherein--

Line 24, Delete "," after "fixing part"

Line 26, Delete "The piezoelectric/electrostrictive device according to"

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INVENTOR(S) : Koji IKEDA and Kazuyoshi SHIBATA

It is hereby certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 31

Line 27, Delete "claim 6,"; Add -- A piezoelectric/electrostrictive device comprising a base constructed of one sheet of a flat plate and having a pair of right and left movable parts, a fixing part having a flat shape that connects said movable parts with each other at one end thereof, a mounting part having a flat shape that is separate from said fixing part and connects said movable parts with each other at the other end thereof, a connecting part that is integral with said mounting part and surrounds said mounting part, said movable parts and said fixing part, and a piezoelectric/electrostrictive element disposed on at least one side of said two movable parts of the base;

wherein said movable parts are erect by a predetermined height from side peripheries of said fixing part and said mounting part to face each other and extend along said side peripheries of said fixing part and said mounting part;

wherein said movable parts, said fixing part and said mounting part are positioned within a central space of said connecting part; and -- before "wherein"

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INVENTOR(S) : Koji IKEDA and Kazuyoshi SHIBATA

It is hereby certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 31

Line 32, Delete "The piezoelectric/electrostrictive device according to"

Line 33, Delete "claim 1,"; Add -- A piezoelectric/electrostrictive device comprising a base constructed of one sheet of a flat plate and having a pair of right and left movable parts, a fixing part having a flat shape that connects said movable parts with each other at one end thereof, and a piezoelectric/electrostrictive element disposed on at least one side of said movable parts;

wherein said movable parts are erect by a predetermined height from side peripheries of said fixing part to face each other and extend beyond the other end of said fixing part along said side peripheries of said fixing part; and -- before "wherein"

Line 34, Delete "the" after "parts and"; Add -- said -- before "side peripheries"

Line 35, Delete "constituting said base"

Line 36, Delete "The piezoelectric/electrostrictive device according to"

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INVENTOR(S) : Koji IKEDA and Kazuyoshi SHIBATA

It is hereby certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 31

Line 37, Delete "claim 3,"; Add -- A piezoelectric/electrostrictive device comprising a base constructed of one sheet of a flat plate and having a pair of right and left movable parts, a fixing part having a flat shape that connects said movable parts with each other at one end thereof, a mounting part having a flat shape that is separate from said fixing part and connects said movable parts with each other at the other end thereof, and a piezoelectric/electrostrictive element disposed on at least one side of said movable parts;

wherein said movable parts are erect by a predetermined height from side peripheries of said fixing part and said mounting part to face each other and extend along said side peripheries of said fixing part and said mounting part; and -- before "wherein"

Column 32

Line 1, Delete "the" after "parts and" and add -- said -- before "side peripheries"

Line 2, Delete "constituting said base"

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It is hereby certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 32

Line 4, Delete "The piezoelectric/electrostrictive device according to"

Line 5, Delete "claim 1,"; Add -- A piezoelectric/electrostrictive device comprising a base constructed of one sheet of a flat plate and having a pair of right and left movable parts, a fixing part having a flat shape that connects said movable parts with each other at one end thereof, and a piezoelectric/electrostrictive element disposed on at least one side of said movable parts;

wherein said movable parts are erect by a predetermined height from side peripheries of said fixing part to face each other and extend beyond the other end of said fixing part along said side peripheries of said fixing part; and -- before "wherein"

Line 6, Delete "constituting said base"

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DATED : September 28, 2004
INVENTOR(S) : Koji IKEDA and Kazuyoshi SHIBATA

It is hereby certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 32

Line 9, Delete "The piezoelectric/electrostrictive device according to"

Line 10, Delete "claim 1,"; Add -- A piezoelectric/electrostrictive device comprising a base constructed of one sheet of a flat plate and having a pair of right and left movable parts, a fixing part having a flat shape that connects said movable parts with each other at one end thereof, and a piezoelectric/electrostrictive element disposed on at least one side of said movable parts;

wherein said movable parts are erect by a predetermined height from side peripheries of said fixing part to face each other and extend beyond the other end of said fixing part along said side peripheries of said fixing part; and -- before "wherein"; and Delete "constituting said base"

Line 13, Delete "towards" after "extend" and add -- toward --

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It is hereby certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 32

Line 14, Delete "The piezoelectric/electrostrictive device according to"

Line 15, Delete "claim 1,"; Add -- A piezoelectric/electrostrictive device comprising a base constructed of one sheet of a flat plate and having a pair of right and left movable parts, a fixing part having a flat shape that connects said movable parts with each other at one end thereof, and a piezoelectric/electrostrictive element disposed on at least one side of said movable parts;

wherein said movable parts are erect by a predetermined height from side peripheries of said fixing part to face each other and extend beyond the other end of said fixing part along said side peripheries of said fixing part; and -- before "wherein"; and Delete "constituting said base"

Line 18, Delete "towards" after "extend" and add -- toward --

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It is hereby certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 32

Line 20, Delete "The piezoelectric/electrostrictive device according to"

Line 21, Delete "claim 1,"; Add -- A piezoelectric/electrostrictive device comprising a base constructed of one sheet of a flat plate and having a pair of right and left movable parts, a fixing part having a flat shape that connects said movable parts with each other at one end thereof, and a piezoelectric/electrostrictive element disposed on at least one side of said movable parts;

wherein said movable parts are erect by a predetermined height from side peripheries of said fixing part to face each other and extend beyond the other end of said fixing part along said side peripheries of said fixing part; and -- before "wherein"

Line 22, Delete "constituting said base"

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DATED : September 28, 2004
INVENTOR(S) : Koji IKEDA and Kazuyoshi SHIBATA

It is hereby certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 32

Line 23, Delete "The piezoelectric/electrostrictive device according to"

Line 24, Delete "claim 1,"; Add -- A piezoelectric/electrostrictive device comprising a base constructed of one sheet of a flat plate and having a pair of right and left movable parts, a fixing part having a flat shape that connects said movable parts with each other at one end thereof, and a piezoelectric/electrostrictive element disposed on at least one side of said movable parts;

wherein said movable parts are erect by a predetermined height from side peripheries of said fixing part to face each other and extend beyond the other end of said fixing part along said side peripheries of said fixing part; and -- before "wherein"; and Delete "constituting said base"

Line 28, Delete "The piezoelectric/electrostrictive device according to"

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DATED : September 28, 2004
INVENTOR(S) : Koji IKEDA and Kazuyoshi SHIBATA

It is hereby certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 32

Line 29, Delete "claim 3,"; Add -- A piezoelectric/electrostrictive device comprising a base constructed of one sheet of a flat plate and having a pair of right and left movable parts, a fixing part having a flat shape that connects said movable parts with each other at one end thereof, a mounting part having a flat shape that is separate from said fixing part and connects said movable parts with each other at the other end thereof, and a piezoelectric/electrostrictive element disposed on at least one side of said movable parts;

wherein said movable parts are erect by a predetermined height from side peripheries of said fixing part and said mounting part to face each other and extend along said side peripheries of said fixing part and said mounting part; and -- before "wherein"; and Delete "constituting said base"

Line 34, Delete "is constructed with a flat plate"

Line 35, Delete "made of" before "metal" and add -- comprises a --

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B

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,798,119 B2
DATED : September 28, 2004
INVENTOR(S) : Koji Ikeda and Kazuyoshi Shibata

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page.

Item [56], **References Cited**, FOREIGN PATENT DOCUMENTS, add
-- 2002/0051326 5/2002 Shiraishi --
Item [57], **ABSTRACT**,
Line 1, delete "that"

Column 1.

Line 4, delete "This application claims priority from Japanese Application 2001-10622 filed January 18, 2001 and Japanese Application 2001-76314, filed March 16, 2001, the entireties of which are incorporated herein by reference."
Line 40 change "thosedescribed" to -- those described --

Column 2.

Line 19 change "apparatus" to -- apparatuses --

Column 3.

Line 12, add -- is -- after "element"

Column 7.

Line 43, change ";" to -- : --

Column 10.

Line 5, add -- is -- after "element"
Line 7, delete "that"

Column 30.

Line 34, add -- constructed of one sheet of a flat plate and -- after "base"; delete "and" and add -- , -- after "parts"
Line 35, add -- having a flat shape -- after "part"; delete "the two" and add -- said -- after "connects"
Line 37, delete "two" before "movable"; delete "of the" after "parts" and add -- ; --
Line 38, delete "base," before "wherein"; delete "said base is constructed with one sheet of a flat"
Line 39, delete "plate, said fixing part has a flat plate shape, and"
Line 42, delete "the" after "along" and add -- said --
Line 43, delete "." and add -- ; and wherein a slit-shaped groove extending from the other end of said fixing part intervenes between a base part of said movable parts and said side peripheries of said fixing part. --
Lines 44-48, delete entire text of Claim 2

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Page 2 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 30 (cont'd),

Line 50, add -- constructed of one sheet of a flat plate and -- after "base"
Line 51, add -- having a flat shape -- after "part"; delete "the two" after "connects" and add -- said --
Line 52, delete "and"; add -- having a flat shape -- after "part"
Line 53, delete "the two" after "connects" and add -- said --
Line 56, delete "two" before "movable"; delete "of the base," after "parts" and add -- ; --; delete "said base is con-"
Line 57, delete "structed with one sheet of a flat plate, said fixing part and"
Line 58, delete "said mounting part have a flat plate shape, and"
Line 61, delete "the" after "along" and add -- said --

Column 31,

Line 9, add -- constructed of one sheet of a flat plate and -- after "base"
Line 10, add -- having a flat shape -- after "part"; delete "the two" after "connects" and add -- said --
Line 11, add -- having a flat shape -- after "part"
Line 12, delete "the two" after "connects" and add -- said --
Line 13, delete "and" after "thereof,"
Line 15, delete "," after "parts"
Line 17, delete "," after "base" and add -- ; --; delete "said" after "wherein"
Line 18, delete "base is constructed with one sheet of a flat plate, said fixing"
Line 19, delete "part and said mounting part have a flat plate shape,"
Line 22, delete "the" after "along" and add -- said --
Line 23, delete ", and" after "mounting part" and add -- ; wherein--
Line 24, delete "," after "fixing part"
Line 26, delete "The piezoelectric/electrostrictive device according to"

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Page 3 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 31 (cont'd).

Line 27, delete "claim 6,"; add -- A piezoelectric/electrostrictive device comprising a base constructed of one sheet of a flat plate and having a pair of right and left movable parts, a fixing part having a flat shape that connects said movable parts with each other at one end thereof, a mounting part having a flat shape that is separate from said fixing part and connects said movable parts with each other at the other end thereof, a connecting part that is integral with said mounting part and surrounds said mounting part, said movable parts and said fixing part, and a piezoelectric/electrostrictive element disposed on at least one side of said two movable parts of the base; wherein said movable parts are erect by a predetermined height from side peripheries of said fixing part and said mounting part to face each other and extend along said side peripheries of said fixing part and said mounting part; wherein said movable parts, said fixing part and said mounting part are positioned within a central space of said connecting part; and -- before "wherein"



Signed and Sealed this

Eighteenth Day of January, 2005

JON W. DUDAS

Director of the United States Patent and Trademark Office

TO: me On (note date): FEB 15 2005 Pat. No. 6798119

Team Leader's Initials
INFO SUPPLIED BY: _____

OAC/LDRC Initials

10/046 331

SECOND REQUEST (DIFFERENT CORRECTIONS), SUPERSEDE OR RECONSIDERATION
(OAC OR LDRC, USE A RED PEN FOR COMPLETING INFO, ON THIS COVER SHEET) (11/2002 cbn)

Team Leader, an Office Automation Clerk may assist you by supplying data from CofC Database (Current & History), PALM, and copies from Intranet, to determine type of request (second request, supersede, and/or reconsideration) and to determine if there were any errors made in decisions and/or publishing are attributable. Team Leader, check appropriate boxes below, key record (if necessary) a forward to JCWS, to order file and assign file to an LIE, to EXPEDITE.

Team Leader, DO NOT ORDER FILE.

↓ MRD (for request attached to this cover sheet): / / (Team Leader have LDRC, stamp same MRD on 10:

S File Charged to (in PALM): Date Charged to Loc.: / /

T Information re most recent record in CofC database (Check Current & History)

A MRD: 101 18 1 04 Examiner (LIE's initials): LN

P Date Assigned: 12 12 1 04 Turned In: 12 12 2 04

L CofC Issued: 1 118105 CofC Denied: / / Updated: Y / N Date: / /

E Patent number listed on C of C listing in OG (circle one) (Y) N

CofC Issued for this record is attached to patent on Internet (circle one) (Y) N

H New/different correction(s) requested. Check Intranet or with RTIS. (circle one) Y / N

E ☐ Duplicate (same heading and corrections published/issued CofC on Intranet. (circle one) Y / N

R ☐ Substitute or corrected request. Locate the original request (check with JCWS and RTIS).

E ☐ Second Request (another) requesting new/different corrections or additional corrections.

↑ ☐ Status Ltr. and/or Outstanding Request

TEAM LEADER, DO NOT ORDER FILE. If necessary, call attorney/applicant for assistance in determining if new/different corrections. Team Leader, key new a record on: 2117105

Count with CofCs keyed rec'd same week, determine and note if "P", "R", or "RTC".

Mark through any corrections on 1050, that were appropriately published; or JCWS assign to: _____

☐ Reconsideration ☒ Supersede ☐ Special CofC ☐ Erratum ☐ Expedite CofC

Team Leader, determine if a Request for a Corrected CofC (Supersede) or Reconsideration, do to error in decisions or keying, attributable to (check the appropriate box, below):

☐ RTIS
Keying Error

☐ LIE:
LIE Processing or
Decision Error

☐ OFFICE
Error in Entry of Document
or Ex. Decision

☐ ATTY.
1.323 Consideration
or Petition Required

If errors are attributable to LIE, use guidelines for appropriately notifying the LIE and record errors (make copies supporting that the LIE made error, attach copies to this cover sheet, keep copies for your records, and forward copies to CBN, at the end of each month).

☐ JW or OL, locate request for CofC published on: / / and return to: _____
(Circle OAC Initials)

☒ Team Leader keyed record on on: 2-18-05 ☐ Post card Printed by Tasneem
(Team Leaders, give all second requests to Tasneem, to print a post card.)

☐ JCWS, order file, match paper (MRD) and assign or reassign to LIE/to: LN /LIE
see your Team Leader for assistance.

Comments/ Instructions: _____